

Name: _____

Date: _____

FOIL and Factor pop quiz (version 17)

FOIL the expressions shown below:

1. $(x - 2)(x + 9)$

$$x^2 + 7x - 18$$

2. $(x + 3)(x + 6)$

$$x^2 + 9x + 18$$

3. $(x + 4)(x - 3)$

$$x^2 + x - 12$$

4. $(x + 6)(x - 9)$

$$x^2 - 3x - 54$$

5. $(x + 1)(x - 4)$

$$x^2 - 3x - 4$$

Factor the expressions shown below:

6. $x^2 - 25$

$$(x - 5)(x + 5)$$

7. $x^2 + 16x + 63$

$$(x + 7)(x + 9)$$

8. $x^2 - 9x + 14$

$$(x - 7)(x - 2)$$

9. $x^2 - 8x + 12$

$$(x - 6)(x - 2)$$

10. $x^2 + 10x + 16$

$$(x + 2)(x + 8)$$